THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) Ministry of Power has not received any such proposal. However, if the State Government/Utility sends a Detailed Project Report for the distribution circles that includes the Districts of Krishna and Prakasam, the same can be suitably examined.

(b) As far as implementation of Accelerated Power Development and Reform Programme (APDRP) in Andhra Pradesh is concerned, an amount of Rs. 33.26 crores has been sanctioned under the programme for the year 2000-01 for the Triupati Circle, which includes Chittoor district.

(c) and (d) Do not arise in view of (a) above.

T & D losses

840.SHRI RAMACHANDRA KHUNTIA : Will the Minister of POWER be pleased to state:

(a) what were the transmission and distribution losses in 1992 and as on date, State-wise; and

(b) to what extent have the power sector reforms, Ushered of late, improved upon the situation especially in Orissa?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) a Statement showing the State-wise T&D losses from 1992-93 to 1998-99 is given in the Statement-I enclosed (*See* below). The estimated T&D losses for various State Electricity Boards (SEBs)/Electricity Departments (EDs) for the year 1999-2000 and 2000-2001 as per the Annual Report on the Working of the SEBs and EDs brought out by the Planning Commission (June, 2001) are indicated in Statement-II. (*See* below).

Some of the States have embarked on power sector reforms programme and have taken steps to restructure their SEBs. It has been noted that reforming States, after detailed studies conducted into their operation, have reported higher T&D losses compared to figures before restructuring. The increase in T&D losses is apparently because of lack of metering and over reporting of consumption especially for unmetered categories earlier by the vertically integrated State Electricity Boards.

Ministry of Power after wide ranging consultations with all stake holders has evolved a comprehensive and detailed action plan for turning around the power sector. The resolution adopted in Chief Minister/Power Ministers Conference held in March, 2001 recognized the urgent need for depoliticising power sector reforms and their speedy implementation and laid emphasis on metering, energy audit, identification and elimination of power thefts and achieving commercial viability in distribution. Some States have shown significant improvement in bridging the gap between the cost of supply and realization.

Statement-I

Percentage Transformation, Transmission & Distribution losses (Including Commercial losses such as pilferage etc.) in SEBs/EDs

Region/SEB/ED	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
Northern Region:							
Haryana	26.78	25.00	30.80	32.39	32.77	34.04	35.33
Himachal Pradesh	19.51	18.31	18.21	16.09	18.02	20.13	26.11
Jammu & Kashmir	48.28	45.69	48.74	47.52	48.27	49.95	47.64
Punjab	19.24	19.37	16.70	18.49	19.10	18.94	18.11
Rajasthan	22.74	25.00	24.78	29.27	26.28	26.41	29.53
Uttar Pradesh	24.43	24.08	21.69	21.84	24.84	26.18	30.23
Chandigarh	26.21	27.27	28.44	33.72	21.88	22.38	22.48
DVB(Delhi)	23.56	31.79	34.56	48.57	49.08	47.91	43.71
Western Region:							
Gujarat	22.03	20.34	20.02	20.08	17.14	21.57	20.83
Madhya Pradesh	21.35	20.26	19.61	17.84	19.24	19.58	19.87
Maharashtra	17.83	16.22	16.33	16.95	16.55	18.75	18.41
D&N Haveli	17.98	12.64	11.35	09.31	08.80	12.90	15.37
Goa	21.85	24.50	26.87	26.06	23.50	31.02	30.40
Daman & Diu	15.67	22.34	16.30	12.80	08.15	14.69	21.83
Southern Region:							
Andhra Pradesh	19.88	19.91	17.95	19.34	33.19	32.14	34.09
Karnataka	19.55	19.55	19.41	19.06	18.73	19.31	30.45
Kerala	21.95	20.00	20.05	21.12	20.59	18.73	17.18
Tamil Nadu	17.50	17.18	17.11	16.19	17.65	17.29	17.22
Lakshadweep	18.72	16.99	17.84	17.23	15.11	15.70	12.78
Pondicherry	15.31	15.80	15.00	16.54	17.38	13.56	10.44
Eastern Region:							
Bihar	22.00	20.35	19.76	15.91	25.31	16.26	24.80
Orissa (GRIDCO)	25.25	22.43	23.03	24.17	50.15	50.10	36.72
Sikkim	22.55	22.60	21.22	16.47	29.24	22.87	12.44
West Bengal	24.87	20.82	21.51	19.26	18.01	19.67	23.73

Region/SEB/ED	1992-93	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99
A&N Island	23.62	23.71	22.38	19.25	19.15	20.59	20.03
North Eastern Region:							
Assam	21.41	22.44	24.18	26.91	25.97	27.32	38.72
Manipur	22.35	23.92	25.30	24.85	22.95	21.09	59.55
Meghalaya	11.79	18.03	18.47	12.55	19.75	12.28	19.66
Nagaland	27.26	33.45	36.12	35.17	26.81	29.79	26.52
Tripura	30.64	30.53	31.96	30.86	30.11	31.11	26.82
Arunachal Pradesh	32.32	42.04	45.30	37.12	32.62	34.10	30.60
Mizoram	29.04	31.89	29.76	25.18	34.35	46.84	44.79
All India (Utilities)	21.80	21.41	21.13	22.27	24.53	24.70	26.45

Source: DMLF Division, Central Electricity Authority (General Review)

Statement-II

T & D Losses as percentage of Availability

SEBs/EDs	1999-2000	2000-2001
Haryana	27.0	25.0
Himachal Pradesh	17.6	17.3
Jammu & Kashmir	47.0	46.5
Punjab	16.8	16.9
Rajasthan	29.5	22.0
Uttar Pradesh	25.5	25.0
Delhi	47.0	45.0
Gujarat	19.6	19.4
Madhya Pradesh	20.7	20.5
Maharashtra	17.0	16.7
Goa	24.3	24.0
Andhra Pradesh	31.4	31.0
Karnnataka	30.0	30.0
Kerala	21.1	20.8
Tamil Nadu	16.7	16.5
Pondicherry	13.3	13.0
Bihar	23.0	22.0
Orissa (GRIDCO)	6.0	6.0
Sikkim	20.0	20.0
West Bengal	28.0	28.0
Assam	37.0	35.0

SEBs/EDs	1999-2000	2000-2001
Manipur	40.0	30.0
Meghalaya	20.4	20.3
Nagaland	28.5	29.2
Tripura	28.0	28.0
Arunachal Pradesh	20.5	18.0
Mizoram	42.5	40.0

Note: The losses in Distribution Companies in Orissa are not included in the estimates.

Joint Veture of PGCIL with TATA for constructing transmission line from Bhutan

841. SHRI K. RAHMAN KHAN: Will the Minister of POWER be pleased to State:

(a) whether it is a fact that the Power Grid Corporation of India Ltd. has finalized a joint venture with TATAs for constructing transmission line to bring electricity from TATA Power project in Bhutan to Delhi;

(b) if so, the detalis in this regard; and

(c) by when the project is likely to be completed?

THE MINISTER OF STATE IN THIS MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) Power Grid Corporation of India Ltd. (PGCIL) has identified M/s. TATA Power as prospective Joint Venture partner through International Competitive Bidding or executing specific transmission lines titled "Transmission system associated with Tata HEP, East-North inter-connector and Northern Region transmission system" for evacuation of power from Tala Hydro-electric Project in Bhutan. A draft Shareholders' Agreement (SHA) has been initiated between PGCIL and M/s TATA Power subject to Government approval.

(c) The transmission project has been planned by POWER GRID for completion in stages within 42 months after investment approval and approval for Joint Venture formation.